

Transportation conformity is required under the federal Clean Air Act to ensure that federally supported highway and transit project activities conform to the purpose of the State Implementation Plan (SIP). Conformity to the purpose of the SIP means that transportation activities will not cause new air quality violations, worsen existing violations, or delay timely attainment of the relevant National Ambient Air Quality Standards. Conformity applies to non-attainment and maintenance areas for the following transportation-related criteria pollutants: ozone, particulate matter (PM_{2.5} and PM₁₀), carbon monoxide (CO), and nitrogen dioxide (NO₂).

Under the U.S. DOT Metropolitan Planning Regulations and EPA's Transportation Conformity Regulations, Amendment #3 to the 2008 Regional Transportation Plan (RTP) and the associated Amendment #08-34 to the 2008 Regional Transportation Improvement Program (RTIP) (collectively referred to herein as the "2008 RTP and RTIP Amendments") need to pass five tests: consistency with the adopted 2008 RTP as previously amended, regional emissions analysis, timely implementation of transportation control measures (TCMs), financial constraint, and interagency consultation and public involvement.

The findings of the conformity determination for the 2008 RTP and RTIP Amendments are presented below. Details of the regional emissions analysis follow the findings.

Conformity Findings

SCAG's findings for the approval of the 2008 RTP and RTIP Amendments are as follows:

- **Consistency with 2008 RTP Test**

Inclusion of the amended projects in the 2008 RTP and RTIP would not change any other policies, programs or projects in the federally approved 2008 RTP as previously amended.

Finding: The 2008 RTP and RTIP Amendments are consistent with

the federally approved 2008 RTP as previously amended, and meets all federal and state requirements and regulations.

- **Regional Emissions Tests**

Finding: The regional emissions analyses for the 2008 RTP and RTIP Amendments update the regional emissions analyses for the federally approved 2008 RTIP and 2008 RTP as previously amended.

Finding: The 2008 RTP and RTIP Amendments regional emissions analysis for PM_{2.5} and its precursors meet all applicable emission budget tests for all milestone, attainment, and planning horizon years in the South Coast Air Basin (SCAB).

Finding: The 2008 RTP and RTIP Amendments regional emissions for ozone precursors meet all applicable emission budget tests for all milestone, attainment, and planning horizon years for the SCAB, South Central Coast Air Basin ([SCCAB], Ventura County portion), Western Mojave Desert Air Basin ([MDAB], Los Angeles County Antelope Valley portion and San Bernardino County western portion of MDAB), and the Salton Sea Air Basin ([SSAB], Riverside County Coachella Valley and Imperial County portions).

Finding: The 2008 RTP and RTIP Amendments regional emissions for NO₂ meet all applicable emission budget tests for all milestone, attainment, and planning horizon years in the SCAB.

Finding: The 2008 RTP and RTIP Amendments regional emissions for CO meet all applicable emission budget tests for all milestone, attainment, and planning horizon years in SCAB.

Finding: The 2008 RTP and RTIP Amendments regional emissions for PM₁₀ and its precursors meet all applicable emission budget tests for all milestone, attainment, and planning horizon years in SCAB and the SSAB (Riverside County Coachella Valley portion).

Finding: The 2008 RTP and RTIP Amendments regional emissions for PM10 meet the interim emission test (build/no-build test) for all milestone, attainment and planning horizon years for the MDAB (San Bernardino County portion excluding Searles Valley portion and Sears Valley portion of San Bernardino County) and for the SSAB (Imperial County portion).

- **Timely Implementation of TCMs Test**

Finding: The 2008 RTP and RTIP Amendments do not revise or otherwise alter the scope, schedule, funding priority, or implementation of any TCM.

- **Financial Constraint Test**

Finding: All projects listed in the 2008 RTP and 2008 RTIP, including all previously approved amendments and the Amendments, are financially constrained for all fiscal years. Fiscal constraint is analyzed in the Fiscal Impact chapter of this report.

- **Interagency Consultation and Public Involvement Test**

Finding: The 2008 RTP and RTIP Amendments comply with all federal and state requirements for interagency consultation and public involvement. The Amendments were discussed at the Transportation Conformity Working Group (TCWG), which includes representatives from the respective air quality and transportation planning agencies, on three occasions (October 27, December 1, 2009, and January 26, 2010). The draft conformity analysis has been provided to the TCWG.

Regional Emissions Analysis

The following tables summarize the required regional emission analyses for each of the non-attainment areas within SCAG's jurisdiction. For those areas which require budget tests, the emissions values in the tables below utilize the rounding convention used by California Air Resources Board to set the budgets (i.e., any fraction rounded up to the nearest ton), and are the basis of the conformity findings for these areas.

SOUTH CENTRAL COAST AIR BASIN – VENTURA COUNTY PORTION

TABLE 4.1 8-HOUR OZONE (SUMMER PLANNING EMISSIONS [TONS/DAY])

Pollutant		2010	2020	2030	2035
ROG	Budget	13	13	13	13
	Plan	11	7	6	5
Budget - Plan		2	6	7	8
NOx	Budget	19	19	19	19
	Plan	17	9	6	6
Budget - Plan		2	10	13	13

SOUTH COAST AIR BASIN

TABLE 4.2 8-HOUR OZONE (SUMMER PLANNING EMISSIONS [TONS/DAY])

Pollutant		2011	2014	2017	2020	2030	2035
ROG	Budget Plan	176	150	131	116	116	116
		167 ^a	141	123 ^b	110	84	76
Budget - Plan		9	9	8	6	32	40
NOx	Budget Plan	354	287	232	190	190	190
		326 ^a	258	210 ^b	162	120	112
Budget - Plan		28	29	22	28	70	78

^a 2011 interpolated between 2010 and 2012

^b 2017 interpolated between 2014 and 2020

TABLE 4.3 PM2.5 (ANNUAL EMISSIONS [TONS/DAY])

Pollutant		2012	2020	2030	2035
ROG	Budget Plan	163	163	163	163
		154	107	81	73
Budget - Plan		9	56	82	90
NOx	Budget Plan	337	337	337	337
		308	176	122	114
Budget - Plan		29	161	215	223
PM2.5	Budget Plan	38	38	38	38
		36	35	37	38
Budget - Plan		2	3	1	0

TABLE 4.4 PM10 (ANNUAL EMISSIONS [TONS/DAY])

Pollutant		2010	2020	2030	2035
ROG	Budget Plan	251	251	251	251
		173	107	81	73
Budget - Plan		78	144	170	178
NOx	Budget Plan	549	549	549	549
		372	176	122	114
Budget - Plan		177	373	427	435
PM10	Budget Plan	166	166	166	166
		157	153	152	155
Budget - Plan		9	13	14	11

TABLE 4.5 CO (WINTER EMISSIONS [TONS/DAY])

Pollutant		2010	2015	2020	2030	2035
CO	Budget Plan	2,137	2,137	2,137	2,137	2,137
		1,671	1,222 ^a	910	624	569
Budget - Plan		466	915	1,227	1,513	1,568

^a 2015 interpolated between 2014 and 2020

TABLE 4.6 NO2 (WINTER EMISSIONS [TONS/DAY])

Pollutant		2010	2020	2030	2035
NO2	Budget ^a	680	680	680	680
	Plan	398	187	129	119
Budget - Plan		282	493	551	561

^a The motor vehicle emissions budgets in the nitrogen dioxide (NO2) maintenance plan portion of the 2007 South Coast SIP, as submitted by the California Air Resource Board (CARB) on May 1, 2009, were found adequate by EPA on November 29, 2009.

WESTERN MOJAVE DESERT AIR BASIN – LOS ANGELES COUNTY (ANTELOPE VALLEY PORTION) AND SAN BERNARDINO COUNTY (WESTERN PORTION OF MDAB)

TABLE 4.7 8-HOUR OZONE (SUMMER PLANNING EMISSIONS [TONS/DAY])

Pollutant		2010	2020	2030	2035
ROG	Budget	22	22	22	22
	Plan	20	12	10	10
Budget - Plan		2	10	12	12
NOx	Budget	77	77	77	77
	Plan	74	33	26	27
Budget - Plan		3	44	51	50

MOJAVE DESERT AIR BASIN – SAN BERNARDINO COUNTY PORTION EXCLUDING SEARLES VALLEY

TABLE 4.8 PM10 (ANNUAL EMISSIONS [TONS/DAY])

		2010	2020	2030	2035
PM10	No Build	9.3	8.6	9.5	10.2
	Build	8.3	7.9	8.9	9.7
No Build - Build		1.0	0.7	0.6	0.5

MOJAVE DESERT AIR BASIN – SEARLES VALLEY PORTION OF SAN BERNARDINO COUNTY

TABLE 4.9 PM10 (ANNUAL EMISSIONS [TONS/DAY])

		2010	2020	2030	2035
PM10	No Build	0.1	0.1	0.1	0.1
	Build	0.1	0.1	0.1	0.1
No Build - Build		0.0	0.0	0.0	0.0

SALTON SEA AIR BASIN – RIVERSIDE COUNTY COACHELLA VALLEY PORTION

TABLE 4.10 8-HOUR OZONE (SUMMER PLANNING EMISSIONS [TONS/DAY])

Pollutant		2012	2020	2030	2035
ROG	Budget	7	7	7	7
	Plan	7	5	4	4
Budget - Plan		0	2	3	3
NOx	Budget	26	26	26	26
	Plan	25	14	11	12
Budget - Plan		1	12	15	14

TABLE 4.11 PM10 (ANNUAL EMISSIONS [TONS/DAY])

		2010	2020	2030	2035
PM10	Budget ^a	10.9	10.9	10.9	10.9
	Plan	8.5	8.0	8.2	8.6
Budget - Plan		2.4	2.9	2.7	2.3

^a Budget set to one decimal place by 2003 Coachella SIP.

SALTON SEA AIR BASIN – IMPERIAL COUNTY PORTION

TABLE 4.12 OZONE (SUMMER PLANNING EMISSIONS [TONS/DAY])

Pollutant		2010	2020	2030	2035
ROG	Budget Plan	7	7	7	7
		6	5	4	5
Budget - Plan		1	2	3	2
NOx	Budget Plan	17	17	17	17
		16	10	9	10
Budget - Plan		1	7	8	7

TABLE 4.13 PM10 (ANNUAL EMISSIONS [TONS/DAY])

Pollutant		2010	2020	2030	2035
PM10	No Build Build	4.2	6.5	8.0	8.6
		4.1	6.3	7.6	8.2
No Build - Build		0.1	0.2	0.4	0.4